

03-23-1998

Docket No. 4030B



SHEETS DEPT. OF COMMERCE

100668458

To: Comm. of Patents and Trademarks: Please record attached original documents.

1. Name of conveying party(ies):

(A) Dennis G. Sekutowski

2. Name and address of receiving party(ies):

1. ENGELHARD CORPORATION
101 Wood Avenue
P.O. Box 770
Iceland, NJ 08830-0770

MAR 09 1998

REC

Nature of conveyance:

- Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date December 10, 1997

4. Application number(s) or patent number(s): 08/972,659

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No. _____ | B. Patent No. _____

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Chief Patent Counsel
ENGELHARD CORPORATION
101 WOOD AVENUE
ISELIN, N.J. 08830

6. Total number of applications and patents involved 1

7. Total fee (37 CFR 1.21(h)).. 40.00 Authorized to be charged to deposit account8. Deposit Account number: 33-1070

DO NOT USE THIS SPACE

9. STATEMENT AND SIGNATURE.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Raymond F. Keller

Name of person signing

Signature

Date March 6, 1998

Total number of pages including cover sheet, attachments, and document: 3

03/20/1998 DOCUMENTS RECEIVED
01 FC:151

**RECORDATION FORM COVER SHEET DEPT. OF COMMERCE
PATENTS ONLY**

To: Comm. of Patents and Trademarks: Please record attached original documents.

1. Name of conveying party(ies):

(A) Dennis G. Sekutowski

2. Name and address of receiving party(ies):

1. ENGELHARD CORPORATION
101 Wood Avenue
P.O. Box 770
Iselin, NJ 08830-0770

Nature of conveyance:

- Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date December 10, 19974. Application number(s) or patent number(s): 08/972,659

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No. _____ | B. Patent No. _____

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Chief Patent Counsel
ENGELHARD CORPORATION
101 WOOD AVENUE
ISELIN, N.J. 08830

6. Total number of applications and patents involved 17. Total fee (37 CFR 1.21(h)).. 40.00 Authorized to be charged to deposit account8. Deposit Account number: 05-1070**DO NOT USE THIS SPACE**

9. STATEMENT AND SIGNATURE.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Raymond F. Keller

Name of person signing

Signature

Date March 6, 1998

Total number of pages including cover sheet, attachments, and document: 3

ASSIGNMENT

Sole

WHEREAS, I, Dennis G. Sekutowski,
a citizen of the United States of America, residing at
1 Ednahorn Drive, Stockton, New Jersey 08559
am a named inventor (along with Gary Puterka and David Michael Glenn) of an invention for

METHOD FOR PROVIDING ENHANCED PHOTOSYNTHESIS

for which I have executed an application for Letters Patent of the United States; and

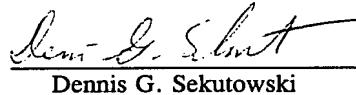
WHEREAS, ENGELHARD CORPORATION is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application: **METHOD FOR PROVIDING ENHANCED PHOTOSYNTHESIS.**

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I the undersigned have sold assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ENGELHARD CORPORATION, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said invention in any country or countries foreign to the United States, and all Letters Patent which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof and all rights of priority in any such country or countries based upon the filing of the said application for Letters Patent of the United States which are created by any law, treaty or international convention; and I hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said invention to the said ENGELHARD CORPORATION, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

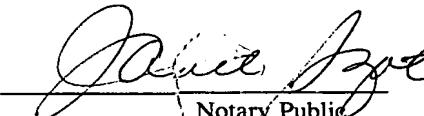
AND I HEREBY further covenant and agree that I will communicate to said ENGELHARD CORPORATION, its successors, legal representatives and assigns, any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ENGELHARD CORPORATION, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 10 day of December, 1997.


L.S.
Dennis G. Sekutowski

State of NEW JERSEY)
ss.:
County of MIDDLESEX)

On this 10 day of December, 1997, before me, a Notary Public in and for the State and County aforesaid, personally appeared Dennis Sekutowski, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.


Notary Public

[Seal]

Janet Szot
Notary Public of New Jersey
My Commission Expires June 27, 2002

ENGELHARD

ENGELHARD CORPORATION
101 WOOD AVENUE
P.O. BOX 770
ISELIN, NEW JERSEY 08810-0770
(732) 205-5000
732-205-6727 (FAX)

March 5, 1998

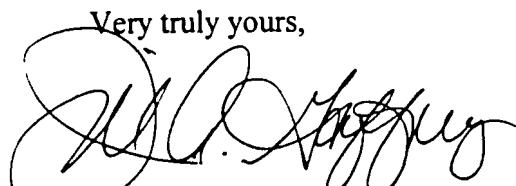
Ms. Janelle S. Graeter
USDA-ARS
Building 005, Room 411
Beltsville Agricultural Research Center-West
Beltsville, MD 20705-2350

Re: Joint U.S. Patent Applications (Glenn, Puterka, Sekutowski)
Our Ref: 4030, 4030A, 4030B and 4030C

Dear Janelle:

Enclosed are four (4) assignments executed by Drs. Glenn and Puterka for the referenced applications. I have been instructed to send these to you so that you may arrange for their recordation in the U.S.P.T.O. Kindly confirm safe receipt.

If you have any questions, please contact me.

Very truly yours,

Jill A. Gaffney

Enclosures

ASSIGNMENT

PATENT 4030B
08/972,659

WHEREAS, we.

Gary J. Puterka, Rte. 1; Box 279; Billmyer Road; Shepherdstown, West Virginia 25443
D. Michael Glenn, P.O. Box 1408; Shepherdstown, West Virginia 25443

citizens of the United States of America

are the inventors of an invention entitled:

METHOD FOR PROVIDING ENHANCED PHOTOSYNTHESIS

for which we have executed an application for Letters Patent of the United States; and

WHEREAS, THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF AGRICULTURE is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application:

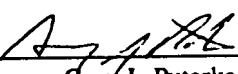
NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we the undersigned have sold assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF AGRICULTURE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said invention in any country or countries foreign to the United States, and all Letters Patent which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof and all rights of priority in any such country or countries based upon the filing of the said application for Letters Patent of the United States which are created by any law, treaty or international convention; and hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said invention to the said THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF AGRICULTURE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to said THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF AGRICULTURE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF AGRICULTURE its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention in all countries.

IN TESTIMONY WHEREOF, we hereunto set our hands and seals the day and year set opposite our respective signatures.

Date Feb 24, 1998


Gary J. Puterka

Date Feb 24, 1998


D. Michael Glenn

State of)
ss.:)
County of)

On this ____ day of _____, 199____, before me, a Notary Public in and for the State aforesaid, personally appeared Gary J. Puterka the above named inventor, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Notary Public

State of)
ss.:)
County of)

On this ____ day of _____, 199____, before me, a Notary Public in and for the State aforesaid, personally appeared D. Michael Glenn, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Notary Public